

# MVEX MAIN BOARD

## REPLACEMENT INSTRUCTIONS

*Ref. Item Numbers: 08-600-90-1; 08-600-91-1*

### Safety Considerations

- Read and understand all instructions before attempting to install this equipment.
- Observe all special notes and cautions.
- Ensure that all safety rules, work procedures, and standards that are applicable to your company and facility are followed during installation, maintenance and operation of this equipment.

### Electrical Safety

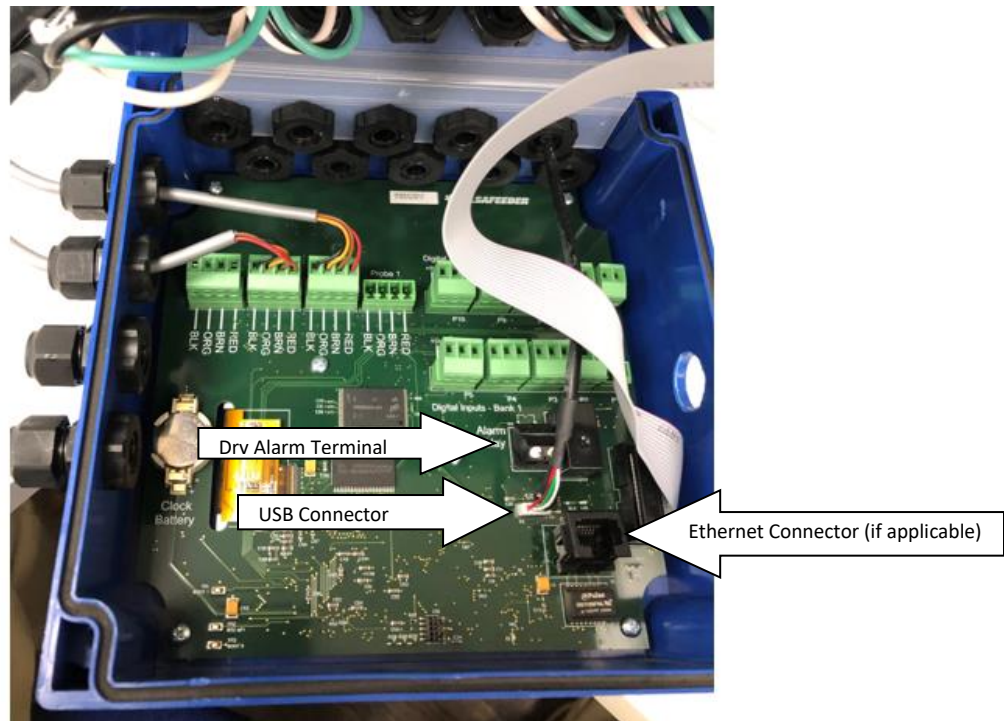
- Always disconnect the power cord before opening the MVEX controller's enclosure – line voltage is present.

### STEP ONE – *Download the Data Log and Configuration Files*

- Be sure to download any Data Log information that you need from the controller.
  - *NOTE: If applicable, any information that has already been uploaded from the controller to PULSAlink.net will not be lost from the PULSAlink server.*
  - Insert a clean thumb drive into the USB port.
  - From the Main Menu => Communications => USB => Export Data Log => Select
  - Next download the Configuration file to be used after the new board is installed.
  - From the Main Menu => Communications => USB => Export Config Log => Select
  - After the file is downloaded, remove the jump drive.
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## - **STEP TWO** – *Open Enclosure to Access the Main Board*

- Unplug the power cord for the MVEX controller.
- Using a Phillips head screwdriver, remove the four (4) screws from the front panel.
- *Tip: Close the front clear cover to prevent loss of screws before opening the enclosure.*



## - **STEP Three** – *Disconnecting the Main Board*

- Remove the Ethernet cable (if installed) the USB connector, The Grey ribbon wire and all the Green terminal blocks with wires connected to them.
- *Tip: Take a picture like the one above as a record of your wiring connections.*

## - **STEP Four** – *Replace the Board*

- Remove the circuit board via the four (4) Phillips screws and set it aside.
- **CAUTION!**: *Only handle the board by the edges to prevent damaging the sensitive circuit board components.*

- Remove the replacement board from the anti-static bag.
- Install the new board and replace the four (4) screws.
- Reinstall all the connections.
- Close the controller and tighten the screws.
- **STEP Five – Rebooting the Controller**
- Power-up the controller.
- *NOTE: If you are using an external modem, power that device first, wait a few minutes then power-up the controller.*
- After the re-boot, perform a Factory Reset.
- From the Main Menu => Configure => arrow down to Factory Reset => enter
- **STEP Six – Upload Config File**
- From the Main Menu => Communications => USB => Import Config File [Insert USB] => Select
- After file has been uploaded, remove external USB drive.
- **STEP SEVEN – 96 BIT ID and Token (For PalsaLink Users)**
- Make sure the TOKEN is set to 000-000-001. From the Main Menu => Communications => Networking => Token.
- The 96 bit ID identifies the *MicroVision EX* on PalsaLink. To activate your controller on Pulsalink, you must contact Technical support and provide this ID number.
- END

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